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Subject: Re: I/O with file lists

Posted by [Nikola](#) on Tue, 22 Jun 2010 15:28:12 GMT

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On Jun 21, 8:48 pm, spacermase <thomsonmasonfis...@gmail.com> wrote:

> Hello all,

>

> I'm running an image conversion procedure, vcr2fits.pro, which  
> requires two arguments, the image name and the name of the .fits file  
> that will be created. Due to the large number of images that need to  
> be converted, I'd like to be able to run it in batches, and have  
> created lists of file names and output names (rather unimaginatively  
> named input.list and output.list, respectively). This is probably a  
> newbie question, but what's the best way to read these lists into IDL  
> so vcr2fits can process them? With IRAF, for example, this is done by  
> entering '...@input.list' and '...@output.list' into the input and output  
> parameters- I am hoping that an equivalent exists for IDL.

>

> Suggestions?

If I understand correctly, you don't have a list with file names, but  
you want to create it? If yes, I normally use FILE\_SEARCH function to  
generate a list of images that have to be processed:

```
list = FILE_SEARCH(directory+'*.fits')
```

Once you have it, you can run

```
FOR i = 0, nimages DO your_pro(list(i))
```

Check IDL help for the details of FILE\_SEARCH:

[http://star.pst.qub.ac.uk/idl/FILE\\_SEARCH.html](http://star.pst.qub.ac.uk/idl/FILE_SEARCH.html)

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